0280

#2

OIPE

RAW SEQUENCE LISTING          DATE: 01/15/2002
PATENT APPLICATION:  US/10/023,889     TIME: 18:04:25

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\01152002\J023889.raw

ENTERED

```
     3 <110> APPLICANT: CANFIELD, William
     5 <120> TITLE OF INVENTION: METHODS OF PRODUCING HIGH MANNOSE GLYCOPROTEINS IN COMPLEX
CARBOHYDRATE
     6       DEFICIENT CELLS
     8 <130> FILE REFERENCE: 203512US77
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/023,889
C--> 10 <141> CURRENT FILING DATE: 2001-12-21
    10 <160> NUMBER OF SEQ ID NOS: 21
    12 <170> SOFTWARE: PatentIn version 3.1
    14 <210> SEQ ID NO: 1
    15 <211> LENGTH: 3600
    16 <212> TYPE: DNA
    17 <213> ORGANISM: hybrid
    19 <400> SEQUENCE: 1
    20 atggagacag acacactcct gctatgggta ctgctgctct gggttccagg ttccactggt      60
    22 gacgaagatc aggtagatcc gcggttaatc gacggtaagc ttagccgaga tcaataccat     120
    24 gttttgtttg attcctatag agacaatatt gctggaaagt cctttcagaa tcggctttgt     180
    26 ctgcccatgc cgattgacgt tgtttacacc tgggtgaatg gcacagatct tgaactactg     240
    28 aaggaactac agcaggtcag agaacagatg gaggaggagc agaaagcaat gagagaaatc     300
    30 cttgggaaaa acacaacgga acctactaag aagagtgaga agcagttaga gtgtttgcta     360
    32 acacactgca ttaaggtgcc aatgcttgtc ctggacccag ccctgccagc caacatcacc     420
    34 ctgaaggacc tgccatctct ttatccttct tttcattctg ccagtgacat tttcaatgtt     480
    36 gcaaaaccaa aaaacccttc taccaatgtc tcagttgttg tttttgacag tactaaggat     540
    38 gttgaagatg cccactctgg actgcttaaa ggaaatagca gacagacagt atggaggggc     600
    40 tacttgacaa cagataaaga agtccctgga ttagtgctaa tgcaagattt ggctttcctg     660
    42 agtggatttc caccaacatt caaggaaaca aatcaactaa aaacaaaatt gccagaaaat     720
    44 ctttcctcta aagtcaaact gttgcagttg tattcagagg ccagtgtagc gcttctaaaa     780
    46 ctgaataacc ccaaggattt tcaagaattg aataagcaaa ctaagaagaa catgaccatt     840
    48 gatggaaaag aactgaccat aagtcctgca tatttattat gggatctgag cgccatcagc     900
    50 cagtctaagc aggatgaaga catctctgcc agtcgttttg aagataacga agaactgagg     960
    52 tactcattgc gatctatcga gaggcatgca ccatgggttc ggaatatttt cattgtcacc    1020
    54 aacgggcaga ttccatcctg gctgaacctt gacaatcctc gagtgacaat agtaacacac    1080
    56 caggatgttt ttcgaaattt gagccacttg cctaccttta gttcacctgc tattgaaagt    1140
    58 cacgttcatc gcatcgaagg gctgtcccag aagtttattt acctaaatga tgatgtcatg    1200
    60 tttgggaagg atgtctggcc agatgatttt tacagtcact ccaaaggcca gaaggtttat    1260
    62 ttgacatggc ctgtgccaaa ctgtgccgag ggctgcccag gttcctggat taaggatggc    1320
    64 tattgtgaca aggcttgtaa taattcagcc tgcgattggg atggtgggga ttgctctgga    1380
    66 aacagtggag ggagtcgcta tattcagga ggtggaggta ctgggagtat tggagttgga    1440
    68 cagccctggc agtttggtgg aggaataaac agtgtctctt actgtaatca gggatgtgcg    1500
    70 aattcctggc tcgctgataa gttctgtgac caagcatgca atgtcttgtc ctgtgggttt    1560
    72 gatgctggcg actgtgggca agatcatttt catgaattgt ataaagtgat ccttctccca    1620
    74 aaccagactc actatattat tccaaaaggt gaatgcctgc cttatttcag ctttgcagaa    1680
    76 gtagccaaaa gaggagttga aggtgcctat agtgacaatc caataattcg acatgcttct    1740
    78 attgccaaca gtggaaaaac catccacctc ataatgcaca gtggaatgaa tgccaccaca    1800
    80 atacatttta atctcacgtt tcaaaataca aacgatgaag agttcaaaat gcagataaca    1860
    82 gtggaggtgg acacaaggga gggaccaaaa ctgaattcta cggcccagaa gggttacgaa    1920
    84 aatttagtta gtcccataac acttcttcca gaggcggaaa tccttttttga ggatattccc    1980
    86 aaagaaaaac gcttcccgaa gtttaagaga catgatgtta actcaacaag agagcccag     2040
```